



INVENTORSHIP DECLARATION BY JOINT INVENTORS

I HEREBY DECLARE THAT:

My residence, mailing address, and citizenship are stated next to my name in PART A on hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

TRANSFORMING GROWTH FACTOR BETA (TGF- β) BLOCKING AGENT-TREATED STEM CELL
COMPOSITION AND METHOD

the specification of which:

- is attached hereto.

was filed on July 6, 2001 as Application Serial No. 09/900,115.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B on hereof any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

I hereby claim the benefit under Title 35, United States Code §119(e) and §120, of any United States application(s) listed in PART C hereof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations §1.56 which occurred between the filing date of the prior application and any national or PCT international filing date of this application.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please direct all telephone calls to Peter J. Dehlinger at (650) 838-4401.
Address all correspondence to:

Perkins Coie LLP
P.O. Box 2168
Menlo Park, CA 94026
Customer No. 22918

INVENTORSHIP DECLARATION BY JOINT INVENTORSPART A: INVENTOR INFORMATION AND SIGNATUREFull name of **FIRST** inventor: Stephen H. BartelmezCitizenship: U.S.A. Mailing Address: 300 Queen Anne Ave. N. #651 Seattle, WA 98109 2922 NW 85th
Seattle, WA
98117

Residence (if different):

Inventor's Signature: [Signature] Date: October 6, 2001Full name of **SECOND** inventor: Patrick L. IversenCitizenship: U.S.A. Mailing Address: 5902 N.W. Fair Oaks Place Corvallis, OR 97330

Residence (if different):

Inventor's Signature: _____ Date: _____

INVENTORSHIP DECLARATION BY JOINT INVENTORSPART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

<u>Country</u>	<u>App. No.</u>	<u>Filing Date</u>
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PART C: CLAIM TO PRIORITY OF U.S. PROVISIONAL AND NONPROVISIONAL APPLICATION(S) UNDER 35 U.S.C. 119(e) AND 120

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
<u>60/216,256</u>	<u>July 6, 2000</u>	<input checked="" type="checkbox"/> Abandoned

INVENTORSHIP DECLARATION BY JOINT INVENTORSPART A: INVENTOR INFORMATION AND SIGNATUREFull name of FIRST inventor: Stephen H. BartelmezCitizenship: U.S.A. Mailing Address: 300 Queen Anne Ave. N., #651
Seattle, WA 98109

Residence (if different):

Inventor's Signature: _____ Date: _____

Full name of SECOND inventor: Patrick L. IversenCitizenship: U.S.A. Mailing Address: 5902 N.W. Fair Oaks Place
Corvallis, OR 97330

Residence (if different):

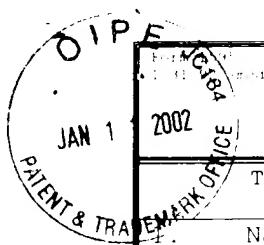
Inventor's Signature: Patrick L. Iversen Date: 10/12/01INVENTORSHIP DECLARATION BY JOINT INVENTORSPART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

Country	App. No.	Filing Date
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PART C: CLAIM TO PRIORITY OF U.S. PROVISIONAL AND NONPROVISIONAL
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RECORDATION FORM COVER SHEET

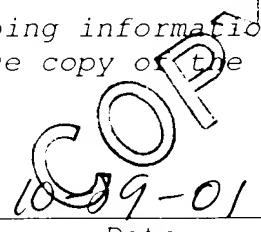
U.S. Department of Commerce
Patent and Trademark Office

PATENTS ONLY

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2002
PATENT & TRADEMARK OFFICE

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): Stephen H. Bartelmez Patrick L. Iversen Add'l names of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name/address of receiving party(ies): AVI BioPharma, Inc. 4575 S.W. Research Way, Suite 200 Corvallis, OR 97333
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other <input type="checkbox"/> Change of Name <input type="checkbox"/> Reassignment		4. Date of execution: <u>10/17/01</u> and <u>10/12/01</u> , respectively Add'l names of receiving parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Application number(s) and/or patent number(s): If this document is being filed with a new application, the date of signature by the first named inventor was: _____.		
A. Patent Application No.(s) 09/900,115 filed 07/06/01		B. Patent No.(s)
Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
6. Name and address of party to whom correspondence concerning document should be mailed: Perkins Coie LLP P.O. Box 2168 Menlo Park, CA 94026 (650) 838-4300		7. Total No. of applications and patents involved: <u>one (1)</u>
		8. Total fee (37 CFR §3.41): <u>\$40.00</u> <input checked="" type="checkbox"/> Please charge Deposit Account No. 50-0665 for amount due.
		9. Total number of pages, including cover sheet, attachments and document: <u>6</u>
DO NOT USE THIS SPACE		
10. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>		
Peter J. Dehlinger Name of Person Signing		 Signature
		 10/09/01 Date